Ophthalmic composition with prolonged residence time on the eye, in particular in the form of a gel which can be administered as drops, of an ointment or the like, containing a free-flowing vehicle with increased viscosity and a preservative, and, where appropriate, one or more active ingredients conventional additives such as tonicity agents, substances to adjust the pH etc. The preservative is essentially formed according to the invention by a benzyllauryldimethylammonium salt. The invention furthermore relates to the use of benzyllauryldimethylammonium salt preservative as producing ophthalmic compositions intended for repeated use over lengthy periods; and/or formulated for a lengthy residence time on the eye after each use, whereby irritation and/or damage to the tissue of the eye are avoided.